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TRANSMITTAL FORM

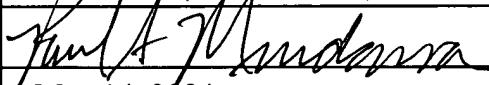
(to be used for all correspondence after initial filing)

		Application No.	10/828,885
		Filing Date	April 20, 2004
		First Named Inventor	James S. Clarke
		Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission		Attorney Docket Number	42P19019

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> - Return postcard - Copies of (7) cited refs. </div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Paul A. Mendonsa, Reg. No. 42,879 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	May 14, 2004

CERTIFICATE OF MAILING/TRANSMISSION

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Typed or printed name	Tamara M. Simpson		
Signature		Date	May 14, 2004

Based on PTO/SB/21 (02-04) as modified by Blakely, Sokoloff, Taylor & Zafman (wir) 02/10/2004.
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ANNUAL FEE TRANSMITTAL for FY 2004

Effective 01/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$ 0.00)

TRADEMA EE TRANSMITTAL for FY 2004 <i>Effective 01/01/2004. Patent fees are subject to annual revision.</i>		<i>Complete if Known</i>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		Application Number Filing Date First Named Inventor Examiner Name Art Unit Attorney Docket No.	10/828,885 April 20, 2004 James S. Clarke Not Yet Assigned Not Yet 42P19019
TOTAL AMOUNT OF PAYMENT		(\$)	0.00

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None
 Deposit Account

Deposit
Account
Number **02-2666**

Deposit
Account
Name Blakely, Sokoloff, Taylor & Zafman LLP

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments

Charge any additional fee(s) or underpayment of fees as required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

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FEES CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
		SUBTOTAL (1)		(\$)	

2. EXTRA CLAIM FEES

Total Claims	<input type="text"/>	Claims	<input type="text"/>	Fee Paid
Independent Claims	<input type="text"/>	- 20**	<input type="text"/> X	<input type="text"/>
	<input type="text"/>	· 3	<input type="text"/> X	<input type="text"/>
Multiple Dependent			<input type="text"/>	<input type="text"/>

Large Entity		Small Entity		
Fee Code	Fee (\$)	Fee Code	Fee (\$)	<u>Fee Description</u>
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple Dependent claim, if not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over

SUBTOTAL (2) (\$)

***or number previously paid, if greater. For Reissues, see below*

SUBMITTED BY

Complete (if applicable)

Submitted by		Complete if applicable		
Name (Print/Type)	Paul A. Mendonsa	Registration No. (Attorney/Agent)	42,879	Telephone
Signature			Date	05/14/04

Based on PTO/SB/17 (10-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 02/10/2004.
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

JAMES S. CLARKE, ET AL.

Application No.: 10/828,885

Filed: April 20, 2004

For: **METHOD OF FORMING AIR GAPS IN
A DIELECTRIC MATERIAL USING A
SACRIFICIAL FILM AND RESULTING
STRUCTURES**

Art Group: Not Yet Assigned

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed for applications filed after June 30, 2003). This IDS and IDS Citation Form are being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

It is hereby stated that no item of information contained in the Information Disclosure Statement was cited in a patent office in a counterpart application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual associated with the filing or prosecution of the subject application more than three months prior to the filing of the Information Disclosure Statement.

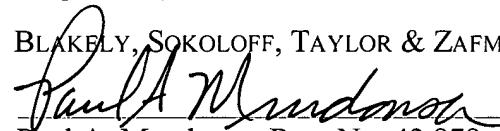
The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: May 14, 2004


Paul A. Mendonsa, Reg. No. 42,879

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Los Angeles, CA 90025
Telephone: (503) 684-6200

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Tamara M. Simpson 05-14-04
Date



1 Substitute for form 1449A/PTC

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

2

<i>Complete if Known</i>	
Application Number	10/828,885
Filing Date	April 20, 2004
First Named Inventor	James S. Clarke
Art Unit	
Examiner Name	
Attorney Docket Number	42P19019

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number (optional).See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.Ehter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possibleApplicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet

1

of

2

Complete if Known

Application Number	10/828,885
Filing Date	April 20, 2004
First Named Inventor	James S. Clarke
Art Unit	
Examiner Name	
Attorney Docket Number	42P19019

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	2	TOSHIYUKI TOYOSHIA ET AL. , 0.1um Level Contact Hole Pattern Formation with KrF Lithography by Resolution Enhancement Lithography Assited by Chemical Shrink (RELACS), Pages 1-3 , Sept of 1998.	
	3	TAKASHI KANDA ET AL., 100nm Contact Holes Using resolution Enhancement lithography Assited by Chemical Shrink, Pages 1-2, Autumn 1999	
	4	VINCENT ARNAL ET AL., Optimization of CVD Dielectric Process to Achieve reliable Ultra Low-k Air Gas, Pages 1-6, 2002	
	5	GINA L. WEIBEL ET AL., An Overview of Supercritical CO2 Applications in Microelectronics Processing, Pages 1-8, April 25, 2002.	
	6	ELECTROCHEMICAL SOCIETY, H.J LEE ET AL. , X-Ray Reflectivity and FTIR Measurements of N2 Plasma Effects on the Density Profile of Hydrogen Silsesquioxane Thin Films, Pages1-5, 2001	
	7	K MAEX ET AL., Journal of Applied Physics, Low Dielectric Constant Materials for Microelectronics, Volume 93, Number 11, Pages 1-49, June 1, 2003	

Examiner
Signature

Date
Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

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